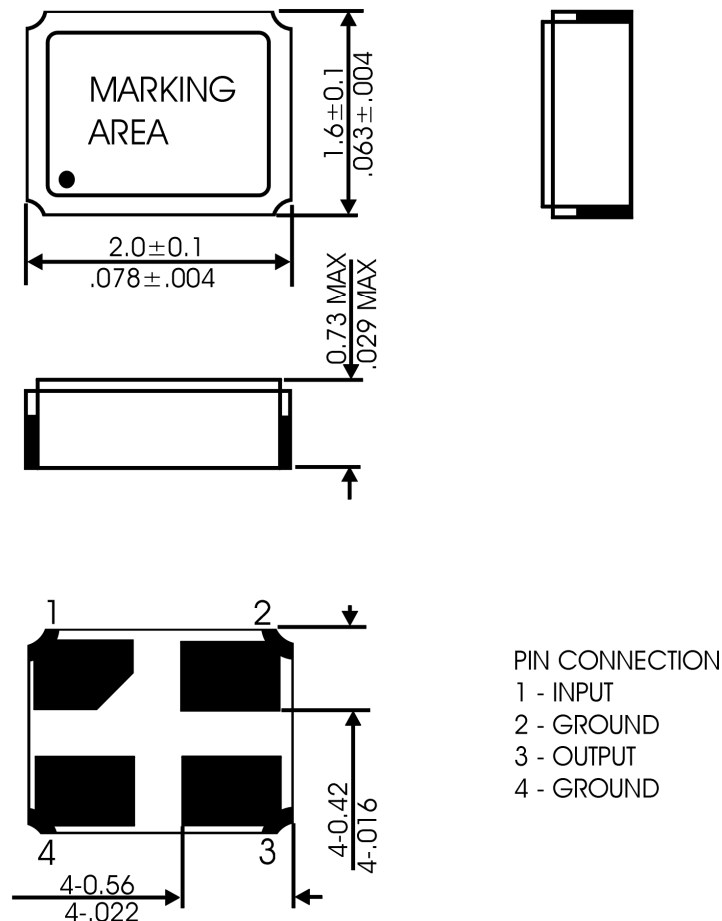
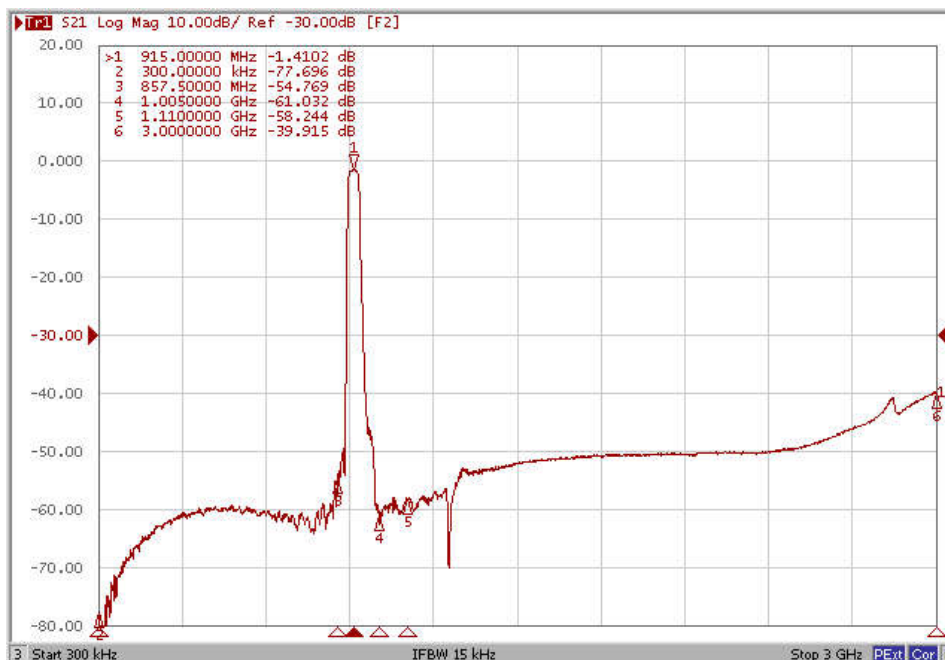
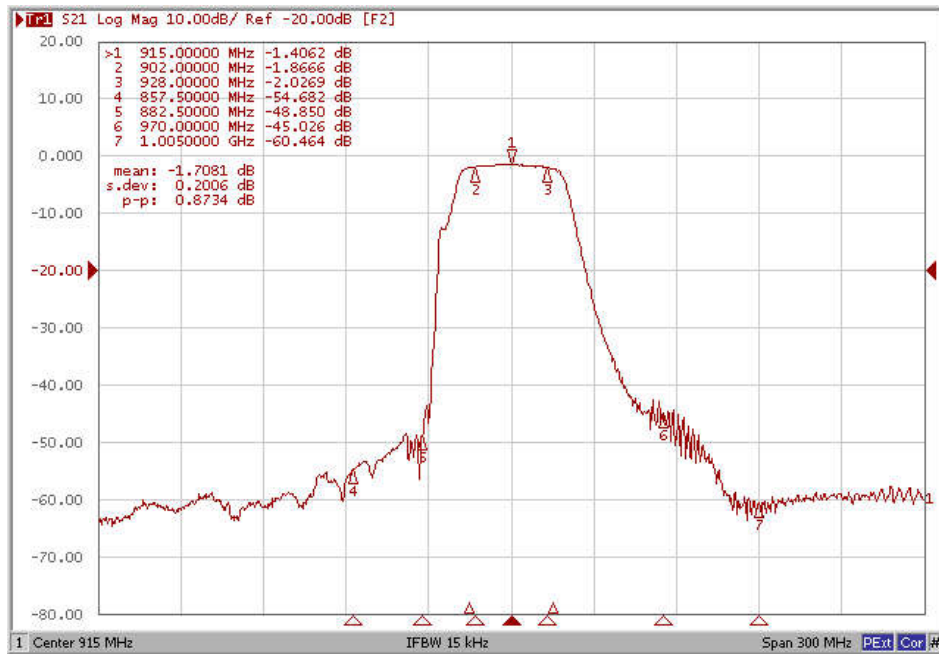


Items		Specification	Unit
Center frequency (Fo)		915.000	MHz
Bandwidth		926000	kHz
Insertion Loss in BW		3.0	dB Max
Amplitude Ripple		1.5	dB Max
Group Delay in BW		40	ns _{p-p}
Return Loss in BW		10	dB min
Absolute Attenuation	10 MHz ~ 857.5 MHz	40	dB min
	857.5 MHz ~ 882.5 MHz	35	dB min
	970 MHz ~ 1005 MHz	35	dB min
	1005 MHz ~ 1110 MHz	45	dB min
	1110 MHz ~ 3000 MHz	30	dB min
Maximum Input Power		15 dBm Max	
DC Voltage		3 V Max	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

Dimension

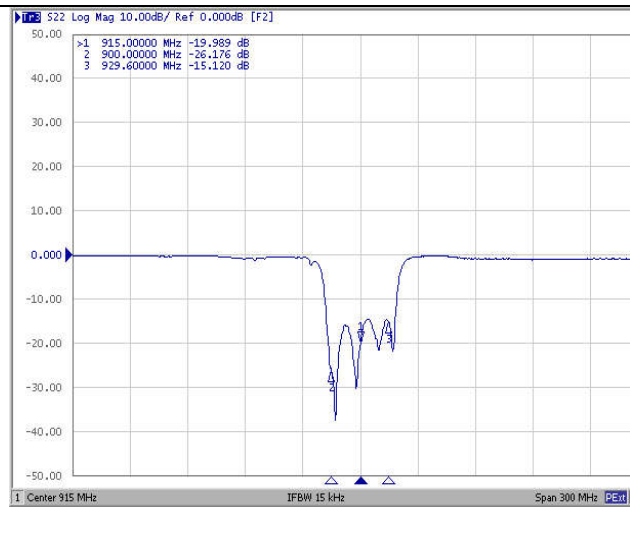
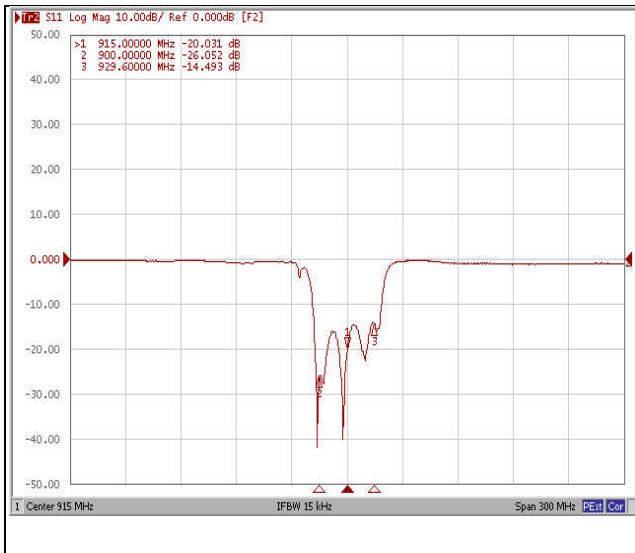


Typical Frequency Characteristics

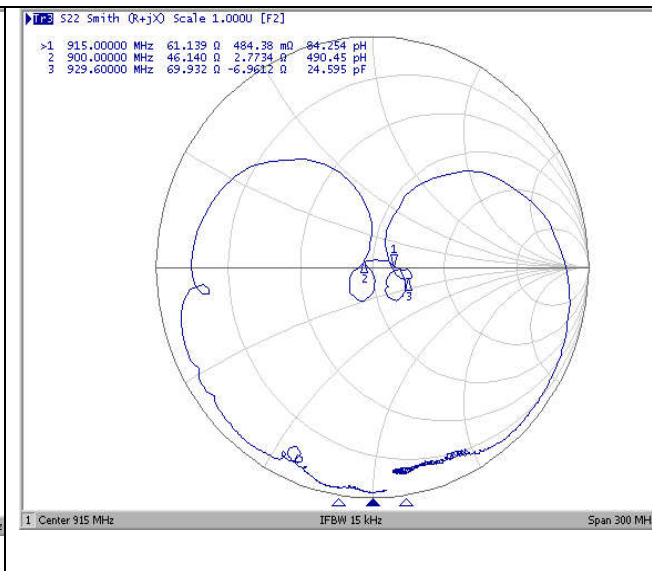
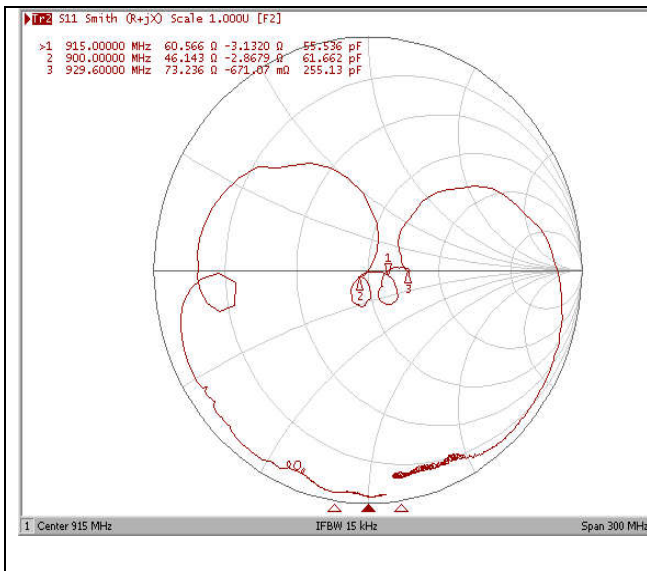


Typical Frequency Characteristics - Continued

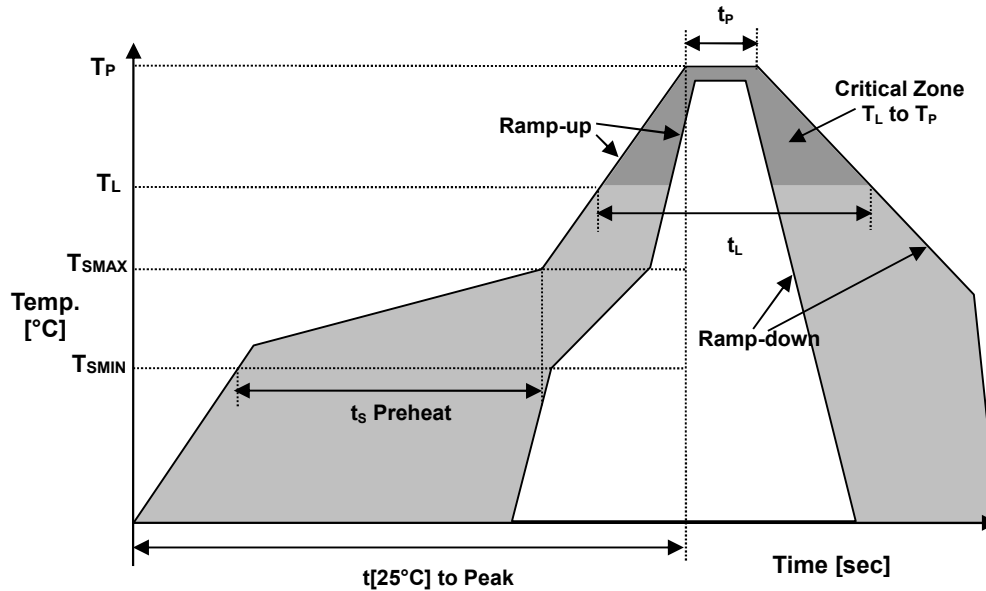
Return Loss



Smith Charts



REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T_{SMIN}	150°C
Temperature Max Preheat	T_{SMAX}	200°C
Time (T_{SMIN} to T_{SMAX})	t_s	60-180 sec.
Temperature	T_L	217°C
Peak Temperature	T_P	260°C
Ramp-up rate	R_{UP}	3°C/sec max.
Ramp-down rate	R_{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t_p	10 sec.
Time $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}] \text{ to Peak}$	480 sec.
Time	t_L	60-150 sec.

Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016